

To: Maisano, Frank[frank.maisano@bracewell.com]
From: Maisano, Frank
Sent: Mon 12/4/2017 6:55:52 PM
Subject: Dec 4 PRG Energy Update: Solar Rallies Against Trade Barriers; Cruz Gets RFS Mtg w/Prez

Friends,

I hope you got a great view of two things yesterday: 1) last night's Super Moon and 2) the epic sign of Detroit Lions futility (and I'm not referring to the horrible performance in Baltimore). The Super Moon was pretty spectacular, while in Michigan, demolition crews tried to implode the former home of the Lions, the Pontiac Silverdome to an epic fail. The highlighted links have the videos. These launch a Super Busy Week starting today when President Trump heads to Utah where he is expected to announce that he will shrink the size of at least two national monuments.

Over the weekend, the Senate passed its tax reform bill which moves the process forward to this week. Now, they will scramble to put together a House-Senate Conference as soon as this evening to hash out the differences. While there are many out there, Axios has a good summary of a few energy issues at play in the tax plan including ANWR, corporate issues, EVs/Renewables, BEAT, AMT and oil/gas. My tax expert colleague **Liam Donovan** is all over it and can answer your questions. Follow him on twitter at @LPDonovan or at <http://lpdonovan.com/>

Tomorrow, solar advocates including **Abby Hopper** will hold a presser at the National Press Club at 9:15 a.m. to roll out an approach for protecting the booming solar industry with an American First plan instead of harmful tariffs proposals. Then on Wednesday, the US Trade Rep holds a public hearing to take comments on the solar tariffs. Expect a whole lot of rallying from solar advocates who will be out in force across from the White House. Already, a diverse group including the Campbell Soup Company, Schneider Electric, utility NextEra Energy and the National Electrical Contractors Assn have weighed in against tariffs.

Other events Wednesday include the Feminist Majority's 30th Women, Money, Power Summit and the widely attended, popular Southern Company Holiday party at Union Station. Out of town on Wednesday, ALEC hosts its annual States & Nation Policy Summit, a three-day conference in Nashville consisting of intensive, in-depth sessions addressing issues that will be at the top of state legislative agendas the following year.

Then Thursday, President Trump will meet with Sen. Ted Cruz and several Cabinet members to discuss U.S. biofuel policy and fuel efficiency standards, holding the meeting Cruz and 8 other senators requested in October. It will be a busy day for EPA Administrator Scott Pruitt who will have to rush over to the White House from the House Energy Committee where he will start testifying earlier that morning.

Finally, two special honors: First, congrats to our colleague **David Mann** who attends his final MBA class tonight at Georgetown University. David, who handles many of PRG's Admin and FEC/Lobbying filings (as well as serving as Segal's gatekeeper) has been plugging away on his MBA for more than 3 years. Secondly, this evening at City Tap House in Dupont, many of us will honor veteran energy reporter **Chris Holly** as he retires. Chris has long been one of the most savvy, intelligent and fair reporters, covering so many issues, it is hard for me to remember all of them. He was one of the first reporters I worked with when I started on this beat 20-plus years ago when he was at *McGraw-Hill's Electric Utility Week*. He has since graced the pages of *Energy Daily* for the last 15 or so. We have enjoyed working with him all these years, and certainly will miss his wit, tough reporting and intellect.

Call with questions. Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

FRANKLY SPOKEN

"The time is ripe for EPA to grant substantive relief from the unique, adverse impacts the RFS program is having on the state of Texas. The extreme, detrimental impacts on large portions of the refining sector have now placed unacceptable burdens on the Texas economy and the economy and security of the nation as a whole."

Texas Gov. Greg Abbott requesting a waiver from the Renewable Fuels Standard Friday.

IN THE NEWS

Groundbreaking Fluorocarbon Conversion Technology Advances under Montreal Protocol

– The groundbreaking HFC chemical conversion technology offered by Midwest Refrigerants advanced to next stage of commercialization with a decision by the Montreal Protocol Multi-Lateral Fund (MLF) recently. The timetable for development could lead to construction of first-ever commercial scale unit in China in 2018. According to the decision of the MLF Executive Committee, UNDP will prepare a project business proposal to be submitted by March 26, 2018, for review, consideration, and approval for funding at its next meeting in June 2018. The decision also set a budget of \$2.8 million to support the project. The project also received strong statements of support and encouragement from MLF representatives from the United States government. UNDP will develop a project proposal between Midwest Refrigerants and LUXI Chemical, in Liaocheng City, China, for the conversion of HFC-23, a byproduct of the R-22 manufacturing process that is also a potent greenhouse gas. R-22 is used as a refrigerant that is being phased out under the Montreal Protocol and is also used as a feedstock for polymer manufacturing. The Midwest conversion technology, which operated in a pilot facility for more than 24 months, has been shown to convert fluorocarbon compounds to their original components suitable for reuse in the manufacturing process, while leaving no waste stream. At commercial scale, this technology is expected to be considerably less expensive and more sustainable than current destruction technology. Happy to connect you Midwest's Lew Steinberg if you are interested.

New Report: US is Most Attractive Place for Oil & Gas Investment in the World – The Fraser Institute recently released its annual Global Petroleum Survey ranking the appeal for investment in 97 oil and gas jurisdictions around the world. This year's survey results found six of the top 10 most attractive regions in the world for oil and gas development are located in the United States: Texas (1st), Oklahoma (2nd), North Dakota (3rd), West Virginia (5th), Kansas (6th) and Wyoming (9th). In fact, according to the report, in the last six surveys, Texas, Oklahoma and North Dakota, as well as Saskatchewan in Canada, are the only four jurisdictions in the world to consistently rank in the top 10. Three hundred thirty-three oil and gas executives and managers responded to this year's survey, which evaluates jurisdictions based on investment factors such as fiscal terms, taxation, environmental regulations, regulatory costs, consistency and enforcement, political stability, quality of infrastructure and geology, and availability of a skilled workforce.

EIA Says Taller, More efficient Turbines Producing More – The U.S. Energy Information Administration reported that installed wind turbines are taller and more efficient than in the past.

EIA found that the average height and power generating capacity for wind turbines installed in the country are taller and more efficient than in years past. According to data on utility-scale electricity generators collected by EIA, wind turbine capacity is based largely on the length of the blades and taller turbines are able to not only have longer blades, but also take advantage of better wind resources that are available at greater heights. The largest onshore turbines in the United States are in Texas, with capacities of 4 MW each. One of the world's largest wind farms is also in Texas: the Horse Hollow Wind Energy Center has 420 wind turbines spread over about 47,000 acres. The project has a combined electricity generating capacity of about 735 MW. Turbines are taller now than they were in previous decades. Since 2012, the average height of wind turbines installed in the United States has been about 280 feet, or 80 meters. Before 2006, few wind turbines were as tall as 280 feet. Wind speed typically increases with altitude and increases over open areas without windbreaks such as trees or buildings. Favorable sites for wind turbines include the tops of smooth, rounded hills; open plains and water; and mountain gaps that funnel and intensify wind.

TX Gov Abbott Requests RFS Waiver – Texas Gov. Greg Abbott requested a waiver from the RFS late Abbott, in particular, cited high RIN prices as causing hardship to refiners across the state. He said as a result of the increasingly unpredictable cost of RINS, refiners are exploring all options to reduce these escalating costs, including exporting product, which reduces fuel inventories in the United States, increasing the cost of fuel available to U.S. consumers and decreasing the U.S.'s energy independence and self-reliance strategy mentioned in the goals of the legislation when passed. Abbott also said small retailers are impacted dramatically. According to Professor Bernard Weinstein, a distinguished economist at the Maguire Energy Institute at Southern Methodist University in Dallas, "On a global scale, if profit margins for small, independent retailers continue to narrow in order to 'meet the competition,' even more of these businesses can be expected to fail in coming years. Fewer small retailers, in turn, will result in higher fuel prices for consumers along with a reduction in the services these businesses provide, such as auto repair and maintenance."

Diverse Groups Urge Opposition to Solar Tariff – There were four interesting separate sectors weighing in in the USTR Comments opposed to Solar Tariffs: 1) [Campbell Soup Company](#), 2) [Schneider Electric](#) 3) utility [NextEra Energy](#) and 4) the [National Electrical Contractors Assn](#) CEO John Grau. These comments show the broad impacts that this policy could have on many companies, sectors, workers or consumers. And remember Duke Energy also offered [strong comments](#) at the ITC docket. I can send pdfs of all of these if you cannot find them.

Cape Wind Project Gives Up Lease – Cape Wind Associates will not go through with their proposed wind farm in Nantucket Sound, halting a controversial project that has been in the works for more than a decade. Cape Wind will give up its 46-square-mile federal lease. The decision was disappointing but not unexpected. The project was dealt a major setback in January

2015, when Eversource and National Grid ended contracts to buy power from the turbines. Then in 2016 when the state Energy Facilities Siting Board declined to extend permits for the project that had originally been issued in 2009. Interestingly, this project is not really representative of the current state of offshore wind, given that larger turbines are now being installed in truly offshore locations. Deepwater Wind has successfully launched a project in Rhode Island and Current Statoil is moving forward with a project in leased areas off New York.

US Rig Count Sees 4th Straight Week of Gains – [Baker Hughes said](#) the number of US oil and natural gas rigs climbed by six to 929 last week -- the fourth consecutive week of increases. Four new rigs were deployed in the Permian Basin and three were added to the Haynesville Shale, while North Dakota's Williston Basin gained one rig.

ON THE SCHEDULE THIS WEEK

Clean Edge, GridWise Alliance Host gridCONNEXT – GridWise Alliance and Clean Edge will host [gridCONNEXT](#) today through Wednesday in Washington, D.C. with hundreds of regulators, utility executives, corporations, and other industry stakeholders to explore the many grid modernization.

USGCRP to Take Comment – Today and tomorrow, the [US Global Change Research Program](#) is taking comments from the public at the National Academy of Sciences Building on topics like its Climate Communications Initiative, its Rising Seas Initiative and Building Resilience in the US-Mexico Drylands

EPA Holds Truck Emissions Kit Hearing – The EPA holds public hearings today on proposed repeal of [emission requirements](#) for glider vehicles, glider engines, and glider kits at EPA HQ. The EPA earlier this month announced its plan to reclassify glider kits as non-new vehicles, thereby restricting the EPA's ability to regulate their exhaust emissions, and to repeal the glider kit-specific provisions of the Phase 2 emissions regulations.

Climate Film to Be Screened – Tonight at 6:00 p.m., New America and Columbia University's School of International and Public Affairs hold [a special screening of 'The Age of Consequences'](#), a documentary investigating the links between climate change, U.S. national security, and global stability.

Solar Tariff Opponents to Weigh-in at Press Club – Opponents of tariffs on solar imports will hold a briefing tomorrow at 9:15 a.m. at the National Press Club. As the Trump Administration nears a determination on remedies for the Section 201 solar trade case, solar industry leaders will discuss the details of a true “America First” Plan for solar energy that supports domestic cell and panel manufacturing without destroying demand for American solar energy. Experts will preview the U.S. Trade Representative hearing and discuss why the Administration should not impose quotas and tariffs on imports of these products and instead adopt an approach that will not inflate the cost of electricity for all Americans and harm workers, consumers and the U.S. economy.

ITC to Vote on Biodiesel Tariffs – Tomorrow at 9:30 a.m., the U.S. International Trade Commission holds meeting and vote on biodiesel from Argentina and Indonesia. In May, USITC determined that there is a reasonable indication that a U.S. industry was materially injured by reason of imports of biodiesel from Argentina and Indonesia that are allegedly subsidized and sold in the United States at less than fair value.

EIA, Interior Noms Hearing Set – The Senate Energy Committee holds a hearing tomorrow at 10:00 a.m. on the nominations of Timothy Petty to be an assistant Interior secretary and Linda Capuano to be administrator of the Energy Department's Energy Information Administration.

Forum to Look at Media, Journalism, Trump – Talkers Magazine will host a forum at Hillsdale College's Kirby Center In Washington DC looking at the Trump Administration and its coverage by the media. A panel of talk show hosts including former talk show host and Hillsdale College radio station GM Scot Bertram, Dom Giordano of WPHT/Philadelphia, Hugh Hewitt of Salem Radio Network, Joe Madison SiriusXM Satellite Radio, Janet Parshall of the Moody Radio Network and Bill Press of the TYT Network.

Forum to Look at China Impact – The National Bureau of Asian Research will host a public panel discussion tomorrow at 3:45 p.m. in CVC 268 on China's Growing Energy and Geopolitical Impact in Xi Jinping's New Era. The event will also mark the launch of NBR's 2017 Energy Security Program report on "Asia's Energy Security and China's Belt and Road Initiative." Rep. Ann Wagner leads the discussion.

Forum to Look at Climate Diplomacy – The German Marshall Fund is holding a forum tomorrow at 5:30 p.m. for a discussion on the future of climate action in the United States, the role of cities and regions in implementing international climate policy, and the importance of strong transatlantic leadership in this area of global concern. The speaker will be Tim Robinson, Chief Counsel of the House Committee on Energy and Commerce.

Roll Call Forum to Look at Infrastructure – Roll Call Live and CQ holds an infrastructure forum on Wednesday morning featuring expert analysis and bipartisan discussion to examine the many questions that infrastructure stakeholders and policymakers will face in the new administration. Rep. Peter DeFazio and White House aide DJ Gribben.

USTR Hearing on Solar Trade Tariff – The US Trade Representative will hold a public hearing on Wednesday to discuss the solar tariff issue.

California AG Hits Press Club – The National Press Club Newsmakers Committee will host California AG Xavier Becerra at a Headliners Newsmaker news conference Wednesday at 10:00 a.m. in the club's First Amendment Lounge. The news conference will look at Cali's two dozen lawsuits challenging the Trump Administration's efforts to make changes that affect immigrant rights, civil rights, environmental standards and consumer protections. Becerra will discuss these legal actions and other issues and will be moderated by *Los Angeles Times* reporter Chris Megerian.

Women, Power, Money Summit Set at Press Club – The Feminist Majority hosts its 30th annual Women Money Power Summit Wednesday at the National Press Club. The summit brings together a combination of feminist thinkers, speakers, and activists as well as top political leaders. New strategies and campaigns to increase women's economic and political clout and to stop the war on women and reproductive rights are always at the top of the agenda. Main Speakers will include Sens. Dianne Feinstein and Mazie Hirono and Reps. Niki Tsongas and Maxine Waters. Our colleague Dee Martin is a board member of FM.

Senate Enviro to Host Army Corps Nominee – The Senate Environment Committee holds a hearing Wednesday on the nomination of R.D. James to be assistant secretary of the Army for civil works.

WCEE to Host NatGas Leaders – The Women’s Council on Energy and the Environment (WCEE) will hold a forum on Wednesday looking at the role of natural gas in the economy. Dena Wiggins, President and CEO of the Natural Gas Supply Association (NGSA), and Lori Traweck, Chief Operating Officer of the American Gas Association, will discuss how natural gas fits into our country’s energy future and how they rose to leadership in the energy world.

AEI to Host Ag Discussion – American Enterprise Institute will hold a forum on Wednesday at 12:30 p.m. for a discussion on substantive reforms to US agricultural subsidy programs. AEI’s Vincent Smith will facilitate a discussion among these experts as they break apart the 2018 Farm Bill. The event looks at the current state of the American farm sector. In the newest papers of AEI’s “Agricultural Policy in Disarray” series, leading agricultural economists evaluate federal programs and regulations that affect conservation and the environment. Erik Lichtenberg will present his findings on conservation programs. Aaron Smith will discuss the future of the Renewable Fuel Standard. Nathan Hendricks will present his findings on the contentious debates between agricultural and environmental interests about the Clean Water Rule.

Wilson Forum Looks at Moving Villages – The Wilson Center will hold a forum on Wednesday at 1:00 p.m. looking at moving villages due to climate change. The event will feature the Village of Newtok, a Yupik Eskimo community of 450, faces certain destruction from a slow-moving climate disaster. The discussion with Newtok’s leadership will focus on their experiences and struggles to preserve their Yupik way of life on their historic subsistence lands.

Senate Environment to Discuss Superfund Sites in Disasters – The Senate Environment Committee’s Superfund and Waste Management Subcommittee holds a hearing Wednesday at 2:30 p.m. on challenges facing Superfund and waste cleanup efforts following natural disasters.

Forum Looks at Future of Ag – The National Museum of Natural History and Resources for the Future will host a forum on Wednesday evening with Jesse Ausubel, Director and Senior Research Associate of the Program for the Human Environment at Rockefeller University, for a look into the future as he explores how precision agriculture and better sources of food and fuel can benefit the natural world. Ausubel’s work covers forests and farms, marine and human life, energy and materials. He marries climate and Earth sciences to elaborate the vision of a large, prosperous society that spares large amounts of land and sea for nature and emits little or nothing harmful into the atmosphere. This event is presented by Resources for the Future with the Smithsonian Institution’s National Museum of Natural History as part of an ongoing series, Anthropocene: Life in the Age of Humans.

ALEC Conference Set for Nashville – Starting Wednesday in Nashville, the American Legislative Exchange Council hosts the [States & Nation Policy Summit](#), a three-day conference consisting of intensive, in-depth educational sessions addressing issues that will be at the top of state legislative agendas the following year. Nearly 1,000 state and local lawmakers, policy experts and other stakeholders gather to explore the philosophical principles that guide a free society.

Forum to Look at NAFTA, Energy – The Washington International Trade Association holds an [event](#) Thursday at 9:00 a.m. the Ronald Reagan Building & International Trade Center as part of its NAFTA series on energy and NAFTA. The forum will look at NAFTA renegotiation's impact on energy trade across North American borders, as well as its investment, jobs and North American energy independence. Former Rep. Charles Boustany hosts API's Jack Gerard, CSIS's Sarah Ladislav and Sergio Marchi of the Canadian Electricity Association. Panel 2 includes our friend Maryam S. Brown of Sempra Energy, former State Department Energy envoy David Goldwyn and ADM's Lorraine Hawley.

Pruitt to Head to House Energy Panel – The House Energy and Commerce Environment Subcommittee will hold a hearing on Thursday with EPA Administrator Scott Pruitt testifying. The appearance will be Pruitt's first before the Energy and Commerce Committee.

House Resources to Look at Interior Dept Reforms – House Natural Resources panel lawmakers will review Interior Department reform proposals in a hearing on Thursday at 10:00 a.m.

House Transpo Roundtable to Look at Trucking Techs – On Thursday at 10:00 a.m., the House Transportation Committee's Subcommittee on Highways and Transit will host a roundtable on emerging technologies in the trucking industry.

ASE Forum to Look at Biz Case for Energy Efficiency – The Alliance to Save Energy hosts a [forum](#) on Thursday at 12:00 p.m. to discuss the business case for tax incentives promoting energy efficiency. From residential retrofits to commercial-scale systems improvements, energy efficiency upgrades deliver massive benefits to consumers, businesses and taxpayers – creating jobs and economic activity, saving money, and reducing harmful emissions while strengthening U.S. energy security. Yet the U.S. tax code no longer contains meaningful tax incentives for energy efficiency. Hear directly from leading businesses and advocates about tax policies new

and old that could advance this important cause – and the business case for getting them done as Congress looks at rewriting the tax code.

CSIS to Release World Oil Outlook – The CSIS Energy & National Security Program is hosting the U.S. launch of OPEC's World Oil Outlook 2017 (WOO) on Thursday at 2:00 p.m. The WOO is OPEC's outlook for medium- and long-term oil supply, demand, and downstream to 2040, factoring in the latest developments in global oil markets and OPEC production adjustments. The analysis includes the impacts of worldwide shifts in demographics, emissions reductions, and technological development in the oil sector. The presentation of WOO 2017 will be given by OPEC's Al-Qahtani.

POLITICO to Look at 2018 Mid-Terms – Playbookers Anna Palmer and Jake Sherman are going LIVE with POLITICO Playbook in a special extended version of the Playbook Audio Briefing on Thursday at 6:00 p.m. at the 6th & I Synagogue. The POLITICO Playbook Team and other key reporters will try to make sense of Washington as it marches toward mid-term elections in 2018. Speakers will include POLITICO's Rachel Bade, Annie Karni and Seung Min Kim, as well as Michael Barbaro of the *New York Times*, John Rogers of the National Republican Congressional Committee and Dan Sena of the Democratic Congressional Campaign Committee.

House Energy to Look at Cybersecurity, Energy – The House Energy and Commerce Energy Subcommittee holds a hearing on Friday at 9:00 a.m. examining the role of the Department of Energy in energy sector cybersecurity. Bruce Walker, DOE's Assistant Secretary of the Office of Electricity Delivery and Energy Reliability will testify.

IPAA Exec to Address Energy Economists – The National Capital Area members of the US Assn of Energy Economist will host Fred Lawrence for their Friday lunch. Lawrence, VP at the Independent Petroleum Association of America, will discuss the outlook for U.S. oil and natural gas, including shale export trends over the past two years, focus on the Independents in a Sector and demand and geopolitical reality vs. ideology.

Forum to Touch on Climate, Bonn Results – The GW Law School is hosting a roundtable discussion on Friday at Noon looking at the status of climate change policy under the Trump Administration. The discussion will draw on articles written for the recent Special Edition of the Climate and Carbon Law Review (CCLR). The program will feature several CCLR authors including Vicki Arroyo, Executive Director of the Georgetown Climate Center at Georgetown

Law, Professor Robert Glicksman from the George Washington University Law School, Fatima Ahmad and Jennifer Huang from the Center for Climate and Energy Solutions, and Charles Di Leva, visiting scholar at the Environmental Law Institute. Topics under discussion will include, the reaction of state and local authorities to the withdrawal of the US from the Paris Agreement, the fate of the Clean Power Plan and the flexibility of Nationally Determined Commitments (NDCs) under the Paris Agreement.

IN THE FUTURE

Paris Forum to Focus on Anniversary – Forum to French President Macron will host the One Planet Summit on December 12 in Paris, on the two-year anniversary of the Paris Agreement. The Summit will focus specifically on climate finance. Heads of State will be invited to attend this meeting.

Nuclear Weapons Triad Forum Set – The Advanced Nuclear Weapons Alliance Deterrence Center (ANWA DC) will host the Inaugural morning forum on Capitol Hill on December 12th. The event will feature key Members of Congress representing nuclear triad communities at Air Force and Naval bases, and NNSA sites, The group will also outline a series of 11 more 2018 forums and roundtables with key government officials, industry leaders and suppliers, and academic experts on the triad issues of the day, Each of these events will tackle the nuclear triad's emerging issues and challenges, while sharing the successes, in the ongoing nuclear weapons enterprise modernization.

Energy Storage Forum Set –The 3rd annual U.S. Energy Storage Summit will be held in San Francisco on December 12th and 13th at the Hilton Union Square. The forum will bring together utilities, financiers, regulators, technology innovators, and storage practitioners for two full days of data-intensive presentations, analyst-led panel sessions with industry leaders, and extensive, high-level networking. Speakers will Include APRA-E's Susan Babinec, Peter Klauer of Cal ISO, Cal PUC Commissioner Carla Peterman, ESA CEO (and former MD PSC Chair) Kelly Speakes-Backman and our friends Shayle Kann of GTM Research, Stephen Lacey and Justin Gerdes of Greentech Media.

Forum Set to Look at NatGas – On December 12th and 13th, the Energy Institute at Colorado State University (CSU) and Gas Technology Institute (GTI) will be co-hosting the CH₄ Connections conference at CSU's campus in Fort Collins. This conference, now in its fourth year, will focus on methane emissions quantification, mitigation, and capture for the natural gas

industry, and will include a tour of the Methane Emissions Test and Evaluation Center (METEC) that will showcase the solutions under development and in field testing at the center.

NJ to Host NAFTA Webinar – *National Journal* will host a webinar on Thursday December 14th at 11:00 a.m. to look at renegotiating the North American Free Trade Agreement. In this webinar, speakers will examine NAFTA's history, development, and future, and address the major players involved, each side's key demands, the timeline, potential outcomes and the impact of President Trump's rhetoric on the process.

Forum to Look at US-Mexico NatGas – The Latin American Dialogue hosts a panel discussion on Friday December 15th aimed at understanding the role of LNG for US energy exports and commercial ties in Latin America, as well as the US-Mexico energy relationship. As global energy trade grows and the United States looks to expand oil and gas exports, Latin American countries provide significant commercial opportunities for exporters and investors alike. It remains imperative that Latin American countries and the United States strive to find mutually beneficial opportunities in order to boost energy ties and expand energy cooperation. Speakers include State's Deputy Assistant Secretary of the Bureau of Energy Resources John McCarrick, Sempra's Mark Nelson, Leslie Palti-Guzman of the Rapidan Group and several others.

The Last Jedi Hits Theaters – DECEMBER 15th

CSIS to Host World Coal Report – On December 18th at 3:30 p.m., CSIS will host the launch of the IEA's new report analyzing coal's recent trends and forecasting its demand, supply, and trade through 2022. Coal remains world's dominant fuel. Under pressure from decarbonization, cheaper alternatives, and geopolitical shifts in demand, coal continues to be one of the most pressing questions in energy. Peter Fraser, Head of Division for Gas, Coal, and Power Markets at the International Energy Agency, will present the IEA's report.

API's Annual State of Energy Address – January 4th (expected).

75th Annual Global Globes – Can't wait for Seth Myers to host this one from January 7th from Hollywood.

World Energy Outlook Set For Launch – On January 16th at 1:30 p.m., the CSIS Energy & National Security Program will host a forum and the U.S. launch of the International Energy Agency's World Energy Outlook 2017. Fatih Birol, Executive Director of the IEA, will present the findings from the report.

Pruitt to Head to Senate Environment – The Senate Environment and Public Works Committee said EPA Administrator Scott Pruitt will appear before the Committee on Jan. 31, 2018, making his first return to the panel nearly a year after his confirmation.

From: Rodrick, Christian
Location: EPA 3428
Importance: Normal
Subject: Meeting with Bill Regarding Hearing
Start Date/Time: Thur 9/28/2017 2:00:00 PM
End Date/Time: Thur 9/28/2017 2:30:00 PM

From: Palich, Christian [<mailto:palich.christian@epa.gov>]
Sent: Wednesday, September 27, 2017 9:00 AM
To: Wehrum, William L.
Cc: Ringel, Aaron; Lyons, Troy; Frye, Tony (Robert)
Subject: Quick Chat Today

Hi Bill,

I wanted to see if you would have a couple minutes today to talk about some potential questions and themes that you would like majority members to question you on. We have an idea of these but of course what your input.

Please let me know when you have some time to talk today and we will give you a call.

Thank you!

Christian R. Palich

Deputy Associate Administrator

From: Shimmin, Kaitlyn
Location: Hearing Room 1152 WJC East
Importance: Normal
Subject: Mock Hearing for Senate Confirmed Nominees (10:00 AM)
Start Date/Time: Fri 9/15/2017 2:00:00 PM
End Date/Time: Fri 9/15/2017 4:00:00 PM

10:00 AM to 12:00 PM: Mock Hearing

To: Jackson, Ryan[jackson.ryan@epa.gov]
From: Wehrum, William L.
Sent: Wed 8/23/2017 6:58:49 PM
Subject: Two Meeting Requests

Ryan – I have two meeting requests that I hope you will consider. One for you and the other for the Administrator.

The first is an invitation for you to speak to members of the National Stone, Sand, and Gravel Association (NSSGA). They are having a fly-in at the end of September. They are hoping you would be willing to speak to the group on September 25. They have been working with your scheduler (Sharnett Willis), but have not been able to confirm your availability. If you are available and interested, would you ask Shanett to lock in a time with the NSSGA folks?

The second is an invitation for the Administrator to speak at an upcoming Air & Waste Management Association (A&WMA) conference. This group invited the Administrator to speak at their annual conference earlier this year in Pittsburgh. Sydney Hupp told them at the time that the Administrator would be out of the country for that conference, but would be willing to consider speaking at a later conference. They are hoping that he would be willing to consider making the keynote address at the following conference in October. I can connect you with A&WMA if you are interested in exploring this possibility.

Title: Finding Common Ground on Climate Change Mitigation and Adaptation

Dates: October 10-11, 2017

Location: DoubleTree, 300 Army Navy Drive, Arlington, Virginia

Preliminary Agenda:

Tuesday, October 10, 2017

Morning: Keynote address followed by panel discussions on climate policy and climate communication

Afternoon: Breakout sessions covering national, international, and local policy, corporate policy, and mitigation pathways

Wednesday, October 11, 2017

Morning: Keynote address followed by a panel discussion on climate change and its relation to national security, and breakout sessions on methane emissions and atmospheric processes

Afternoon: Panel discussion on climate action and closing remarks

At this point, we have confirmations from the following for speakers and/or panel presenters:

- Michael McCormick from California Governor Jerry Brown's office,
- Delegate Mark Keam from the Virginia House of Delegates, and
- General Ron Keys (Retired) from the Center for Climate & Security's Advisory Board.

In addition, we have or will be extending invitations to:

- David Kreutzer from the Heritage Foundation, and
- Representative Barbara Comstock from the US House of Representatives.

Thanks for your consideration of both.



Bill Wehrum

Partner

p 202.955.1637

[bio](#) | [vCard](#) | [blog](#) | [LinkedIn](#)

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To: Payne, Warren S.[WPayne@mayerbrown.com]; Jackson, Ryan[jackson.ryan@epa.gov]
From: Payne, Warren S.
Sent: Tue 11/7/2017 4:26:40 PM
Subject: RE: Meeting request re hazardous materials recycling

Ryan,

Hate to be a best on this request but could you point me in the direction of the right people to talk to. Obviously this is even more acute given the letter from Sec. Tillerson.

Thanks

Warren

Warren S. Payne

Senior Policy Advisor

Mayer Brown LLP

P: 202 263 3831

C: 202 821 9870

From: Payne, Warren S.
Sent: Sunday, October 01, 2017 6:18 AM
To: [Jackson.ryan@epa.gov](mailto:jackson.ryan@epa.gov)
Subject: Meeting request re hazardous materials recycling

Ryan,

I am emailing to ask for your assistance on arranging a meeting with the right folks at the EPA on the issue of getting EPA to update its definition of hazard waste under the Resource Conservation and Recovery Act. As you can see from the attached letter this issues has been flagged for the Director from the Hill already. Would greatly appreciate your assistance getting in front of the right people on this issue.

Thanks

Warren

Warren S. Payne

Senior Policy Advisor

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C: 202 821 9870

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To: Maisano, Frank[frank.maisano@bracewell.com]
From: Maisano, Frank
Sent: Mon 11/6/2017 4:07:58 PM
Subject: Nov 6 PRG Energy Update: Tax Fax, ClearPath China Event, Climate Bonn-Bonn, More Energy Noms

Friends,

First off, our thoughts and prayers are with our friends in Texas as they deal with this weekend's terrible incident. It puts a damper on the earlier celebrations for our Houston/Texas colleagues' World Series Game 7 victory and parade last week for the Astros in what ended up being a thrilling World Series (that makes two-in-a-row.) And even with last week's New York terrorist's attack, the NYC Marathon went on without a hitch with Shalane Flanagan becoming the first American women to win in 40 years.

The tax bill has rolled out and is expected to see action this week. We have a bunch of good "Tax Fax" in the update below, but bottom-line, my colleague Liam Donovan has **ALL the bases** covered and will be happy to discuss "on-" or "off-the-record" as the action continues. You can reach him at 202-828-5847 or liam.donovan@bracewell.com. And, finally we have a full FERC, with final Senate approval of Rich Glick and Kevin McIntyre late Thursday and "Swearing-In" ceremonies expected this week.

The next UN climate change conference starts today (and runs through next Fri) in Bonn, Germany and there have been plenty of stories about Friday's climate report. While interesting and comprehensive, it really doesn't add much more than we've heard before, doesn't consider significant policy or political challenges and change that the US has been reducing emissions dramatically through market and technology advances. Something to remember.

As for the meeting, it is a working meeting so don't expect a big splash. The Business Council for Sustainable Energy (BCSE) industry members are sharing the progress of the rapid transformation that is occurring in the energy sector in the United States. It will also showcase how the suite of existing clean energy solutions can help take that transformation around the world, and help meet a country's nationally-determined contribution (NDC) under the Paris Agreement. The Chamber's Global Energy Institute and its climate expert Steve Eule participates in a side event on Wednesday sponsored by the international business community.

We starting the week off today with a ClearPath event focused on US-China Clean Energy issues at 11:30 a.m. in CVC Congressional Meeting Room North. Given the President's trip to China and upcoming trade issues in the news, this seems like a great time to hear some key experts, including Congressman Ryan Costello, ClearPath's Rich Powell and Christopher Guith of Chamber's Global Energy Institute. Amy Harder of Axios moderates. For those unable to attend this morning's event, there will be a [livestream](#). Speaking of trade, check out the [WaPo editorial today](#) urging President Trump to reject strong solar tariffs.

Tomorrow, House Energy looks at ENERGY STAR and features AHRI Chairman Chris Drew testifying. Also, House Resources takes up broad offshore energy legislation that will attempt to define parameters for wind and oil/gas projects with a hearing tomorrow and mark up on Wednesday.

The next big nomination hearing is Wednesday for CEQ nominee Kathleen Harnett-White and EPA #2 Andy Wheeler. I don't even know what to say other than put your seatbelts on because of the expected turbulence. Dems will oppose both aggressively over views on climate while ethanol Republicans Deb Fisher and Joni Ernst are smarting over Harnett's positions on ethanol and the recent retaliatory hold on a USDA nominee they support. House Science also discusses geoengineering.

Then on Thursday at 9:30 a.m., our friends at SAFE [host a forum and release](#) their trucking industry trend report, "Heavy-Duty Innovation: Energy, automation, and technology in the trucking sector." SAFE's Jeff Gerlach, as well as a number of industry experts including the American Trucking Assn's Bill Sullivan will discuss how the trucking industry is changing, and the regulatory measures that should be taken to enable a safer and more efficient trucking future.

Finally, our friends at AGA launched [the #CookingWithGas campaign](#) recently with Chef Fitz Tallon from Eataly Flatiron in New York. AGA is traveling around the country meeting professional chefs and talking to them about why they prefer cooking with gas. Check out the video of Tallon [talking about](#) why he prefers #cookingwithgas.

Call with questions. Tomorrow is Election Day in many places including Virginia and New Jersey. Please vote...Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

THIS WEEK'S LOBBY SHOP

The new episode of *The Lobby Shop* is live on [iTunes](#), [SoundCloud](#), and [Google Play Music](#). This episode is very brief (14 minutes) and covers the House tax bill released Thursday morning. It's a great opportunity to subscribe to the podcast on whatever platform you prefer – this episode is pretty quick and not a deep dive, but we will be doing more nitty-gritty analysis in future episodes. Remember our address for listeners to reach out with topic suggestions, feedback, etc. – thelobbyshop@policyres.com.

FRANKLY SPOKEN

“Mr. Trump clearly believes that the government should restrict Americans’ freedom to trade. But agreeing with the complainers in this case would obviously contradict his avowed motive — to support middle-class U.S. jobs. The risks of helping a narrow slice of the industry at the expense of the rest of it simply outweigh the benefits.”

Washington Post Editorial Board on the upcoming solar tariff decision in front of President Trump.

“This proposal reneges on the tax reform deal that was already agreed to, and would impose a retroactive tax hike on an entire industry. The House proposal would pull the rug out from under 100,000 U.S. wind workers and 500 American factories, including some of the fastest growing jobs in the country. We expect members of the House and Senate to oppose any proposal that fails to honor that commitment, and we will fight hard to see that wind energy continues to work for America.”

Tom Kiernan, CEO of the American Wind Energy Association (AWEA).

TAX FAX

Tax Reform Rolling – House Republicans released a tax-reform bill today that would cut the corporate tax rate to 20% from 35%. The plan also includes cuts to individual tax rates and increases the standard deduction for individuals and families. Retirement plans including 401(k)s appear to be untouched and the top tax rate for wealthy Americans would remain the same. My colleague Liam Donovan has **ALL the bases** covered and will be happy to discuss “on-“ or “off-the-record.” You can reach him at 202-828-5847 or liam.donovan@bracewell.com

Wind Has Concerns – The House tax bill raised the ire of the wind industry who said reneging on the previous deal would threaten American job growth and energy dominance. By derailing a bipartisan agreement to phase out the wind energy Production Tax Credit (PTC), the House proposal strips away the investment certainty Congress promised wind developers just two years ago. The proposal puts at risk over \$50 billion in planned investment supporting manufacturing, rural jobs and homegrown energy growth. The wind industry worked with Congress in 2015, reaching a bipartisan agreement on tax reform that phased out the PTC over five years. Investors, taking Congress at their word, banked on stable investment policy and poured billions of dollars into the U.S. economy.

What’s the PTC Controversy? – The wind energy PTC, which allows for a tax credit for each kilowatt hour (kWh) generated, was the tool Congress created for wind developers to access capital needed to grow wind power in the U.S. This successful policy has driven domestic infrastructure investment and manufacturing, delivering U.S. jobs and driving down the costs to produce electricity. Recognizing the policy was working and success was near, Congress passed a bipartisan five-year extension and phase out of the credit in 2015, which is proceeding on an 80%-60%-40% schedule, ending after 2019. The bill changes the terms of PTC qualification defining start of construction. Investors who put billions of dollars into factory orders and construction contracts cannot go back in time to meet the revised requirements. The House tax proposal would also terminate an inflation adjustment, cutting the value of the credit by half or more.

Navigant Study Says Roll Back Risks 50K Jobs – [Navigant Consulting projects](#) that maintaining stable investment policy through the five-year PTC phase out will create \$85 billion in economic activity and help grow another 50,000 American jobs, including 8,000 jobs at U.S.

factories, through the end of President Trump's first term. Boosting production of U.S. wind energy helps increase American energy independence and security. The majority of the value of an American wind farm is made-in-the USA by 102,500 workers and 500 factories across all 50 states. [View a map of every wind farm and factory in America.](#)

CCS Says Include 45Q – A diverse, bipartisan group of carbon capture advocates today called on the Senate Finance Committee to include legislation to extend and reform the Section 45Q of the tax code to boost carbon capture in any tax plan considered by the committee. The letter specifically calls for inclusion of the FUTURE Act, legislation introduced in July by Senators Heidi Heitkamp, Shelley Moore Capito, Sheldon Whitehouse, John Barrasso and 21 other Senators from both parties, in the Senate Finance Committee Chairman's Mark. The letter was signed by companies, labor unions, NGOs and other advocates including Occidental, Peabody Energy, Utility Workers Union of America, IBEW, NRECA, Clean Air Task Force, C2ES, ClearPath and many others.

Orphans are Included – The “orphan” tax credits – credits left out of the 2015 wind/solar PTC deal – were also in the tax bill, mirroring language found in Rep. Tom Reed's H.R. 1090, which extends the residential and commercial tax credits until January 1, 2022 for geothermal heat pumps, fuel cells, microturbines, small wind and combined heat and power. The residential income tax credit would be retroactive back to January 1, 2017 at 30% and continue at that level until 2020 when it would drop to 26% and then at 22% for 2021 and end December 31, 2021. The 10% commercial investment tax credit would be extended until January 1, 2022 and change the language for placed in service to “property the construction of which begins before January 1, 2022.” Thousands of jobs among geothermal and other “orphaned” clean energy industries are in jeopardy and GHP manufacturers alone saw a sales decline significantly this past year.

Advanced Nuclear Credit Included In Tax Reform – The tax reform plan also includes a modification to the 45J tax credit for production from advanced nuclear power facilities that is vital to the expansion of the U.S. fleet. It at least largely mirrors a bipartisan bill from Reps. Tom Rice and Earl Blumenauer lawmakers [approved by voice vote in June](#) modifying the credit to allow more time for the nation's new reactors under construction to utilize the credit and allow transferability of the credit to other partners of the utilities.

A GOOD READ on Winners, Losers – Energy Winners, Losers in House Tax Plan:
[WASHINGTON EXAMINER](#)

IN THE NEWS

BCSE to Release Priorities Paper at COP23 – The Business Council for Sustainable Energy released a policy paper today that outlines its COP 23 priorities as the meeting launches in Bonn. The Council released the final version of the BCSE COP 23 policy position paper, [Powering Ambition at COP 23](#). The BCSE at COP 23 website is also live: www.bcse.org/cop23. This page will include all of BCSE events, public statements, delegation information and case studies of clean energy in action.

Vistra Head on CNBC's *Mad Money* – Last Week, we mentioned the Vistra-Dynegy merger and later in the week on CNBC's *Mad Money*, Curt Morgan [discussed the deal](#) with Jim Cramer, who called the deal a “game-changer.” Morgan highlighted the national focus and diverse fuel mix that the new company will have and said it will be strong in both low and high gas price environments.

Chamber Highlights Efforts to Restore Power After Hurricanes – Speaking of videos, the Chamber's Global Energy Institute released a series of videos last week looking at during and after Hurricanes Harvey and Irma, everyday Americans assumed the role of first responders as their family and friends faced sheets of rain, catastrophic flooding and destructive winds. In its new video series titled ["Energy Strong"](#) GEI highlights the many ways America's energy industry stepped up and responded.

GA Lawmakers Urge Nuclear Tax Credits – Georgia lawmakers are asking for an extension on tax credits for the Vogtle nuclear plant expansion project. All but two members of the state's House delegation [sent a letter](#) to the head of the House Ways and Means Committee last week.

They want the tax plan to include a measure that would lift the 2020 expiration date on a tax credit for new nuclear energy production. Two reactors at Vogtle now under construction won't be up and running until after that deadline.

Biotech Company to Protect Palm Trees, Dates – ISCA Tech and the [University of California-Riverside](#) scientists [will work to develop environmentally-friendly pest controls to save California's iconic palm trees](#) and protect the date palm industry from the invasive South American palm weevil. With a new grant from the [Foundation for Food and Agriculture Research](#) (FFAR). FFAR is a nonprofit established in the 2014 Farm Bill with bipartisan congressional support, today awarded \$150,000 to fund research to combat this emerging pest. The FFAR grant is being matched by funds from UCR, ISCA, California Date Commission, and the Bard Valley Medjool Date Growers Association, for a total \$300,000 investment in

addressing this pest. The South American palm weevil first spread from Mexico's Tijuana area into San Diego County in 2011, where it is now killing Canary Island date palm trees. Surveys also have detected the weevil in California's Imperial County, as well as in the Yuma, Ariz., and Alamo, Texas counties. At risk are several palm species, including commercial date trees that contribute about \$89 million a year to California's and Arizona's economies. Other at-risk palms include Canary Islands date, coconut, African oil, sago and California fan palms. The national market for landscape, decorative and potted palm trees is valued at more than \$280 million a year.

IAEA Head Says Speed Up Nuke Projects – The global nuclear power industry needs to accelerate growth to satisfy the world's energy demands and contribute to climate change goals, International Atomic Energy Agency Director General Yukiya Amano told the International Ministerial Conference on Nuclear Power in the 21st Century. "More use of nuclear power will be needed to provide the steady supply of baseload electricity to power modern economies if countries are to meet the goals for greenhouse gas emissions which they set for themselves in the Paris Agreement," he said

ON THE SCHEDULE THIS WEEK

Climate Change Meeting Set for Bonn – The next UN climate change conference is scheduled to be held starting today and run through November 17th in Bonn, Germany, which is home to the climate change secretariat and 18 other UN agencies that will be hosting the conference. Presided over by the government of Fiji, COP 23 is slated to be a "working COP", as negotiators continue to develop the Paris rulebook—the rules and working processes that will underpin the Paris Agreement's implementation. With respect to the rulebook, no major decisions are expected to be made before 2018. The Business Council for Sustainable Energy (BCSE) will lead a delegation of its industry members to COP 23. The Council will participate in COP 23 to share the progress of the rapid transformation that is occurring in the energy sector in the United States. It will also seek to showcase how the suite of existing clean energy solutions can help take that transformation around the world, and help meet a country's nationally-determined contribution (NDC) under the Paris Agreement. The Chamber with its Climate expert Steve Eule also participates in an event on Wednesday sponsored by

Forum to Look at Energy Trends –The German Marshall Fund of the United States hold a conference today that will examine energy trends through three different lenses. The first session will examine the recent efforts, supported by the U.S. and the EU, to reform energy sectors in Black Sea states, notably but not exclusively in Ukraine and Georgia. Second, a panel of experts will discuss the ever-shifting energy politics of the broader Eurasia region, from Central Asia to

the Black Sea and beyond. Finally, the conference will feature keynote remarks by Ambassador Mary Warlick, Acting Envoy and Coordinator for International Energy Affairs, Bureau of Energy Resources.

Women Renewable Energy Forum Set – The Women of Sustainable Energy and Renewable Industries (WRISE) Leadership Forum 2017 tomorrow and Wednesday in its inaugural year under the new brand (previously WoWE). Co-located with the [AWEA Fall Symposium](#), this event will feature keynote speakers, professional development, networking, and expert panels on key issues in the industry.

Fuel Cell Expo Set – The [Fuel Cell Seminar and Energy Expo](#) will be held tomorrow through Thursday in Long Beach, CA. [Hear](#) from top names in industry and government, including Plug Power CEO Andy Marsh; NASEO Executive Director Dave Terry; California Energy Commissioner Janea Scott; NCSL Energy Director Glen Anderson; Division Chief, CARB Annette Hebert and more. There will be more than 180 [Technical Sessions](#) and more than [40 Posters](#) on Wednesday and Thursday afternoons by our industry's top researchers, scientists, and speakers. Session tracks will cover a wide-range of topics including international, state, regional hydrogen infrastructure plans, technology advances, transportation deployment, hydrogen generation and energy storage

House Energy Panel to Look at ENERGY STAR – The House Energy Committee will look at ENERGY STAR and other efficiency programs tomorrow. Expects experts from enviro groups, AHRI and other sustainability groups to weigh in. AHRI Chairman Chris Drew will say there is a strong industry preference to retain both the product program and the buildings programs at EPA and that the program needs adequate funding preserved, among other items. Others testifying include ASE's Kateri Callahan, Doug Johnson of the Consumer Tech Association, AHAM's Joe McGuire and Greg Merritt of Cree.

GU Presenter to Discuss China, Wind – Georgetown's Mortara Center for International Studies will present at this Energy and Climate Policy Research Seminar tomorrow at 12:30 p.m. with Julia Kirch Kirkegaard, a postdoctoral researcher at Stanford Business School. She has studied the role of global innovation networks in China's wind turbine industry, the case of Chinese industrial upgrading within the green energy sector, the societal acceptability of wind power (in Denmark and China), and contestations over expertise and science communication. In her research at Stanford, she is investigating the role of expertise and experts in the emergence of R&D and innovation networks.

House Resources Looks OCS Drilling Draft – The House Natural Resources Energy and Mineral Resources Subcommittee holds a hearing tomorrow at 2:00 p.m. on Outer Continental Shelf Discussion Draft. The draft legislation aims to distribute revenues from oil and gas leasing on the Outer Continental Shelf to certain coastal States, to require sale of approved and scheduled offshore oil and gas leases, to establish offshore wind lease sale requirements, and to empower States to manage the development and production of oil and gas on available Federal lands. Witnesses will include Ray Brady of the Argonne National Lab, North Dakota Industrial Commission Director Lynn Helms, David Holt of the Consumer Energy Alliance and the Tulane Energy Institute's Eric Smith. Mark up will follow on tomorrow and Wednesday.

AWEA Fall Symposium Returns to New Mexico – AWEA hosts its annual Fall Wind Energy Fall Symposium tomorrow through Thursday at the Hyatt Regency Tamaya Resort, where key strategic decisions are made to build the future of wind energy. The event will feature new executive insights, and actionable strategic plans to power your business in the upcoming year.

NEI's Korsnick Headlines Stimson Forum – The Stimson Center hosts a forum tomorrow at 5:00 p.m. on re-energizing nuclear security. Nuclear security is out of the spotlight since the end of the Nuclear Security Summit series. This forum will look at the future of nuclear development and how can industry, civil society, and international organizations facilitate the outstanding Security Summit commitments. This event is an on-the-record discussion of trends in the nuclear industry and security and marks the official launch of a new Stimson publication: "*Re-energizing Nuclear Security: Trends and Potential Collaborations Post Security Summits.*" Panelists include NEI CEO Maria Korsnick, Canadian Nuclear Association CEO John Barrett and Frank Saunders, Vice President of Nuclear Oversight and Regulatory Affairs at Bruce Power.

Wheeler, Harnett-White Set to Go to Senate Environment – Senate Environment will hold a confirmation hearing on Wednesday for Kathleen Harnett White's nomination to run the White House Council on Environmental Quality. It will also address the confirmation of Andy Wheeler to serve as EPA deputy administrator at the same time.

House Science Looks at GeoEngineering – The House Science Committee's Energy Subcommittee and Environment Subcommittee hold a joint hearing on geoengineering innovation, research and technology. discussion draft legislation to "Overhaul Federal Lands Energy Policy" to distribute revenues from oil and gas leasing on the Outer Continental Shelf to certain coastal States, to require sale of approved and scheduled offshore oil and gas leases, to establish offshore wind lease sale requirements, and to empower States to manage the

development and production of oil and gas on available Federal land, and for other purposes. Witnesses include Phil Rasch of the Pacific Northwest National Laboratory, Joseph Majkut of the Niskanen Center, Cornell's Douglas MacMartin, and Kelly Wanser of the University of Washington.

ITC to Look at Biodiesel Tariffs – The U.S. International Trade Commission holds a hearing Thursday at 9:30 a.m. on the final phase of countervailing duty and anti-dumping duty investigations regarding biodiesel from Argentina and Indonesia.

SAFE Forum to Highlight Release of Trucking Report – On Thursday at 9:30 a.m. at The Loft at 600 F, Securing America's Future Energy hosts a forum and releases its trucking industry trend report, "Heavy-Duty Innovation: Energy, automation, and technology in the trucking sector." The trucking sector is a backbone of the American economy. 70% of the nation's freight, representing more than \$725 billion in annual revenue, are moved by the trucking industry. Freight levels are forecast to grow more than 40% by 2045, and energy and oil use are set to rise by 20% in the next 25 years. New technologies offer an opportunity to dramatically improve the safety and efficiency of the trucking sector. Connectivity and platooning, advanced driver assistance systems, and design modifications are already creating opportunities to save lives and fuel while reducing costs, but regulatory changes are necessary to enable the industry and American economy to benefit. SAFE's Jeff Gerlach, as well as a number of industry experts including the American Trucking Assn's Bill Sullivan will discuss how the trucking industry is changing, and the regulatory measures that should be taken to enable a safer and more efficient trucking future.

Chatterjee Hits Platts Presser – S&P Global Platts hosts its Energy Podium forum on Thursday at 11:00 a.m. with FERC Chairman Neil Chatterjee. Chatterjee will discuss a broad range of issues facing the Commission with Platts reporters and other press.

CSIS to Host Africa Power Panel – CSIS hosts a public panel discussion Thursday looking at the lessons that can be learned from Power Africa. The Obama Administration's Power Africa Initiative was arguably one of the more intriguing innovations in development in recent years. Described as an initiative that brings "together technical and legal experts, the private sector, and governments from around the world to work in partnership to increase the number of people with access to power", Power Africa has been an attempt to work more effectively between various government agencies. It also operated under the assumption that Africa presented both development challenges and business opportunities for American workers and companies. Following the welcome remarks from Daniel F. Runde, and the opening remarks from Jennifer G. Cooke, our expert panelists will assess Power Africa's progress and look for opportunities to

scale and replicate the initiative to other sectors and geographies.

GW to Hold Book Launches, Panels – George Washington University holds two book Launches on Thursday. At Noon, authors will discuss their findings and conclusions on energy security debates in China, India, Japan, Russia and the political economy and transit security of the region. Then at 5:00 p.m., the Brazil Initiative and the Institute for International Science and Technology Policy hold a book launch and guest lecture by Dr. Sergio Salles, with Dr. Nicholas Vonortas as discussant on bioethanol evolution, risks and uncertainties.

IN THE FUTURE

NARUC Annual Meeting to Dig Into Issues – Next week, the National Assn of Regulatory Utility Commissioners (NARUC) will hold its 129th annual meeting at the Hilton Baltimore and will feature panels on energy policy, telecommunications, and other utility topics are issues at the forefront of trade and mainstream news. The event will feature stakeholders, informed experts, representatives from industry, federal policymakers, and dedicated state regulators for robust, timely discussions. Key speakers include Montana PUC Commissioner Travis Kavulla, FERC Commissioner Robert Powelson, former Commissioners Marc Spitzer and Tony Clark, DOE's Travis Fisher and many others.

Solar Trade Breakfast at NARUC – The Solar Energy Industries Association and Cypress Creek Renewables holds a breakfast panel discussion next Monday morning on the Solar Section 201 trade petition on imported solar components. The event discussed the effect of the ITC ruling on the \$23 billion U.S. solar industry, which employs 260,000 American workers in good-paying jobs including manufacturers, is unmistakable. It would decimate one of the least expensive energy sources in America by doubling the price of solar panels in the U.S., thereby crippling demand, diminishing local investment and costing up to 88,000 jobs across the country. The panel includes GA PSC Chair Lauren “Bubba” McDonald, utility representatives and exec and developers working with rural cooperatives.

Forum to Look at CAFE, High Octane Fuels – Next Monday, the Environmental and Energy Study Institute (EESI) will hold a briefing in 106 Dirksen examining how high-octane, low-carbon fuel can enable CAFE compliance. Research suggests that high-octane, low-carbon fuel is the lowest-cost compliance option for both consumers and the automotive industry. Speakers for this forum are NREL's Robert McCormick, Oak Ridge National Lab's Brian West, Dean Drake of the Defour Group and Andrew Varcoe of Boyden Gray & Associates. Higher-octane, low-carbon fuels enable greater engine efficiencies, thereby lowering GHG and toxic emissions and improving fuel economy. Automotive engineers have expressed interest in raising the octane

level of gasoline, which would enable the design and sale of these more efficient engines, but the administration must act to enable a viable pathway for these fuels to enter the marketplace.

USEA Forum to Discuss CURC Study – Next Monday at 2:00 p.m., the US Energy Association and the Carbon Utilization Research Council (CURC) hold a forum on CURC's recent CCS study analyzing options to overcome barriers to large-pilot projects for power plants equipped with CCS. The purpose of the report was to study innovative options for governments and industry to fund projects that test coal-based power generation and carbon capture, utilization and storage technologies at the large-pilot scale. The panel discussion will provide an overview of the key findings of the report and an illustration of current case study examples of international collaboration by industry stakeholders and governments. Panelists include CURC's Shannon Angielski, DOE's John Litynski, Frank Morton of the National Carbon Capture Center, Chris Romans of Mitsubishi Heavy Industries America and Don Stevenson of the Gas Technology Institute.

Forum to Look at Venezuela Oil – Next Tuesday at 9:00 a.m., the Atlantic Council's Adrienne Arsht Latin America Center and Global Energy Center holds a timely conversation on Venezuela's declining oil industry, the increasing presence of Russia and China in the country, and what lies ahead. Keynote remarks will be offered by House Energy & Commerce member Jeff Duncan.

JHU to Discuss Nuclear – The Johns Hopkins University holds a forum on Tuesday November 14th at 5:00 p.m. looking at the status and prospects for U.S. Nuclear Power. Westinghouse, a leader in the industry, entered bankruptcy and two reactors that were under construction in South Carolina have been abandoned because of cost overruns. The US still has not solved the problem of long term storage of high level nuclear waste. An interesting possibility for the future is the development of advanced nuclear reactors that would be smaller, safer and cheaper to build. These and other issues will be discussed by speaker, NEI's Matthew Crozat.

Forum to Look at Energy – On Wednesday Morning, *Roll Call* will host a forum on energy called Energy Decoded at the Newseum. Roll Call Live, in partnership with CQ News hosts a packed morning of expert analysis and bipartisan discussion to examine the many questions that energy stakeholders and policymakers will face in the new administration. Topics will include the future of climate policy, energy tax reform, coal and domestic oil production and renewable energy initiatives. Speakers will include FERC Chair Neal Chatterjee, Sen. Joe Manchin and our friend Jeanette Pablo, among others.

ITIF to Look at ARPA-E – The Information Technology and Innovation Foundation (ITIF) holds a discussion on Wednesday at 10:00 a.m. looking at ARPA-E’s versatile role in clean energy innovation featuring a new study on the topic. Authors David Hart and Michael Kearney, along with an expert panel of energy innovators and thought leaders discuss.

WRI to Discuss Powering Cities – On Wednesday, November 15th at Noon, the World Resources Institute hosts Michael Westphal to present his paper on energy access - another chapter of the World Resources Report: Towards a More Equal City. Millions of residents in some of the fastest growing cities in the world don’t have access to clean, reliable energy, and the challenge of reaching them is not getting easier. In 2012, only 58 percent of the urban population had access to electricity in low-income countries, and nearly 500 million urban residents worldwide used dirty and harmful cooking fuels like charcoal and wood.

Forum on European Gas Projects Set – On Wednesday afternoon November 15th, Carnegie Endowment for International Peace hosts the Jamestown conference on “Nord Stream and European Energy Security.” It will provide a detailed and comprehensive analysis of the Russian objectives, European responses, and American policies related to this large project.

Forum to Discuss Brazil Oil, Gas – The Wilson Center’s Brazil Institute hosts a forum on Thursday November 16th at 10:00 a.m. looking T pre-salt auctions in Brazil’s oil and gas industry. The Director-General of ANP, Decio Fabrício Oddone da Costa, will discuss the objectives of Brazil’s new regulatory framework for the oil & gas policy.

Webinar to Look at EVs – National Journal holds webinar on Thursday November 16th at 11:00 a.m. on the rise of electric vehicles. The webinar will examine the industry’s history, development and future, and address the major players and policymakers and what policies have fostered the industry’s growth so far, and which state and federal actions could help—or hinder—its development. It will also look at how the Trump administration’s deregulatory drive impact the development of EVs in the US, as well as the feasibility of the ambitious goals laid out by countries like France and India.

Clark to Headline USAEE Lunch – On Friday, November 17th, the NCAC of the US Assn of Energy Economists host its November lunch with former FERC Commissioner Tony Clark at Chinatown Gardens. Clark will discuss the forces that are shaping electricity markets today, with an emphasis on the implications of the regulatory crossroads of federal jurisdiction and state

public policy choices.

USTR Comment Deadline on Solar Trade Case – November 20th

THANKSGIVING – November 26th

EPA to Hold CPP Public Hearing in WV – EPA will hold a public hearing regarding the withdrawal of the Clean Power Plan in West Virginia on Nov. 28th and 29th. EPA said it will convene two daylong sessions at the state capitol in Charleston. The agency said it "may also hold an additional hearing to be announced at a later date." EPA also extended the comment period on the proposal to Jan. 16, 2018.

CCS Report to be Released – The Global CCS Institute will release its annual *Global Status of CCS: 2017* report launch on November 28th, 2017. This year, the Institute is partnering with one of the top think tanks in the city, the Center for Strategic and International Studies, to promote and discuss the release of the Institute's signature report, the globally recognized annual guide to the current progress and prospects for carbon capture and storage.

NYT to host Climate Summit – On November 29th and 30th in San Francisco at the Metreon, *The New York Times* will hold ClimateTECH, a groundbreaking summit that brings together influential leaders from key industries to assess bold, cutting-edge technologies that could help keep global warming below the two-degree threshold. Hosted by top Times journalists, ClimateTECH's focus on innovation will also encompass the dramatic changes downstream (in finance, policy, consumer behavior, infrastructure) that are vital for these new technologies to gain adoption and succeed. The program will feature on-stage interviews with celebrated entrepreneurs and inventors along with policy makers, economists and subject-matter experts. Designed for an audience of decision-makers, ClimateTECH will also include an early-stage technology showcase of the newest innovations, along with other experiential activities. The Speaker list is long, but it includes California Gov. Jerry Brown, Statoil's Irene Rummelhoff, Chicago Mayor Rahm Emanuel, Tom Steyer and many others.

RFS RVO Deadline – November 30th

USTR Hearing on Solar Trade Tariff – December 6th

***The Last Jedi Hits Theaters* – DECEMBER 15th**

To: Maisano, Frank[frank.maisano@bracewell.com]
From: Maisano, Frank
Sent: Mon 10/2/2017 6:18:44 PM
Subject: Oct 2 PRG Energy Update On Tap: Solar Tariff Remedy Case, Key EPA Nominations, SEJ

Friends,

The news cycle will be totally overrun this week by the terrible shooting in Las Vegas last night and our thoughts and prayers go out to those impacted, as well as our gratitude to those who helped others.

In the sports world this week, baseball playoff kick off tomorrow with the Yankee and Twins, but also some great match ups are already set: (Cubs/Nats & RedSox/Astros). As well, the update's favorite season also launches this week: the NHL hockey season.

Tomorrow, the US International Trade Commission returns to the solar trade case with a public hearing on the remedy phase. We will be in full impact mode. We can help you with a full **array** of resources that will be impacted from utilities to contractors to manufacturers to retailers.

The big event on Capitol Hill this week is Wednesday's Senate Environment nomination hearing for several EPA nominees including Bill Wehrum for the air office. Other events include grid hearings tomorrow in House Science and House Energy (industry sector experts testifying including SEIA's Abby Hopper, AWEA's Tom Kiernan, ACCCE's Paul Baily and NEI's Maria Korsnick). Also Wednesday, Senate Commerce Committee will mark up a bill meant to boost self-driving cars. Our friends at SAFE can provide you with excellent background and resources, as they did here in the San Jose MercNews. Finally Thursday, House Energy returns to electricity to hear from consumer groups/advocates.

This week on Wednesday, SEJ launches its annual meeting in Pittsburgh. There will be a number of great tours during the day Thursday and great policy panels on Friday and Saturday. And, of course, Bracewell is hosting our annual reception on Thursday night.

Finally, Congrats to the Business Council for Sustainable Energy, who is celebrating its 25th

Anniversary, with a reception Thursday evening at Stanton & Greene. Good luck on the next 25!!!!

Supreme Court Fall Term launches today. Call with questions. Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

FRANKLY SPOKEN

“American energy security has now improved for five years in a row, despite rapidly challenging market conditions and geopolitical tensions. Just five years ago, the story was much different. But because of the shale revolution that has taken place during this time period, our nation enjoys much greater energy self-sufficiency, which translates into fewer imports, lower costs, and reduced emissions.”

Karen Harbert, president and CEO of the U.S. Chamber of Commerce’s Global Energy Institute.

“From the outset, Georgia Power and the project co-owners have worked to minimize the impact of the project on our customers’ bills and these additional loan guarantees will help us continue to reduce our financing costs.”

Paul Bowers, chairman, president and CEO of Georgia Power.

IN THE NEWS

Georgia Power Received Additional Loan Guarantee Commitments for New Vogtle Units –

The DOE has conditionally approved a \$3.7 billion increase in the federal loan guarantees for the over-budget Vogtle nuclear project in Georgia, the agency announced this morning. Georgia Power had previously secured loan guarantees of \$3.46 billion for the construction of Vogtle units 3 and 4, the first to be built in the United States in more than 30 years. With a total of more than \$5 billion in anticipated DOE loan guarantees, Georgia Power expects to be able to provide more than \$500 million in present-value benefits to its customers.

More Information on Decision, Vogtle – Georgia Power owns 45.7% of the new units, with the project's other Georgia-based co-owners including Oglethorpe Power, MEAG Power and Dalton Utilities. On August 31, Georgia Power filed a recommendation with the Georgia Public Service Commission (PSC) to continue construction of the Vogtle nuclear expansion supported by all of the project's other co-owners. The recommendation was based on the results of a comprehensive schedule, cost-to-complete and cancellation assessment launched following the bankruptcy of Westinghouse in March. The Georgia PSC is expected to review the recommendation and make a decision regarding the future of the Vogtle 3 & 4 project as part of the 17th Vogtle Construction Monitoring (VCM) proceeding. Final approval and issuance of these additional loan guarantees by the DOE cannot be assured and are subject to the negotiation of definitive agreements, completion of due diligence by the DOE, receipt of any necessary regulatory approvals, and satisfaction of other conditions.

-

Rural Co-ops Support Oglethorpe, SoCo – The rural co-ops weighed in on the DOE's loan guarantee for the Plant Vogtle nuclear power project. Co-Op Oglethorpe Power in Georgia is one of the co-owners and will have a share of the loan (about \$1.6 billion). NRECA CEO Jim Matheson today applauded the decision saying: "Today's announcement is welcome news for Oglethorpe Power, the Vogtle project, and the future of America's electric generation. Nuclear energy is an essential source of emissions-free, 24/7 power. This DOE loan guarantee will help promote a diverse fuel mix, which is vital as electric co-ops work to meet 21st century energy needs and ensure continued access to affordable, reliable power. I applaud DOE and Secretary Perry for recognizing the value of this project and making it more affordable for our members."

DOE Urges FERC to Take Swift Action to Address Threats to Grid Resiliency – DOE formally proposed that FERC take swift action to address threats to U.S. electrical grid resiliency. Pursuant to his authority under Section 403 of the Department of Energy Organization Act, the Secretary urged the Commission to issue a final rule requiring its organized markets to develop and implement reforms that would fully price generation resources necessary to maintain the reliability and resiliency of our nation's grid.

Why DOE – After Department of Energy (DOE) Secretary Rick Perry issued his April 14 memo directing staff to study baseload power concerns, we explained that DOE had authority to direct the Federal Energy Regulatory Commission (FERC) to undertake rulemakings. Secretary Perry is primarily responsible for ensuring the electrical grid meets America’s needs now and into the future and FERC is charged with regulating the markets to achieve that mission. The recent Staff Report to the Secretary on Electricity Markets and Reliability showed that while today’s grid is reliable, market distortions are threatening its resilience and the future of American energy security.

Letter to FERC/NOPR – The full text of the Secretary’s Letter to the Commission as well as the Proposed Rule are both available at DOE’s website, www.energy.gov.

Insight From ClearPath – ClearPath Executive Director Rich Powell offered insights saying by urging FERC to establish a new tariff allowing highly reliable and resilient operators (who have 3 months or more of on-site fuel supply in place) to recover their full costs of generation, DOE today takes a historic step to shore up our vital national nuclear fleet. This approach will work within the wholesale electricity markets as opposed to forcing further bottom-up state action to save the plants -- out of market actions that add further complexity and uncertainty to our already un-level playing field for power. ClearPath hopes this is the beginning of a holistic review of the functioning of the wholesale power markets, which might also include changes to how generators are compensated, as well as formal valuation of clean power. Some observers may be concerned that this measure compensates all highly reliable sources of power, including unmitigated coal. ClearPath believes that FERC, and the RTOs and ISOs, will be able to design a tariff structure that compensates all highly reliable generators to remain online and ready to run, without necessarily increasing the dispatch of emitting sources like unmitigated coal. ClearPath has been calling for FERC to move ahead rapidly on this price formation reform agenda -- see below: <https://clearpath.org/jay-and-richs-take/why-rebuilding-ferc-quorum-matters-for-nuclear>

Renewables Express Concern – The American Wind Energy Association also released this statement regarding DOE’s announcement on grid resiliency: Amy Farrell, Senior Vice President, Government and Public Affairs, American Wind Energy Association: “We worry today’s proposal would upend competitive markets that save consumers billions of dollars a year. The best way to guarantee a resilient and reliable electric grid is through market-based compensation for performance, not guaranteed payments for some, based on a government-prescribed definition.” On background, in June, the CEO of NERC testified to the Federal Energy Regulatory Commission that “the state of reliability in North America remains strong, and the trend line shows continuing improvement year over year.” Christopher Mansour, vice president of federal affairs for the Solar Energy Industries Association: “While we agree that wholesale markets should fully compensate generators for all the energy, capacity and ancillary

services they provide, healthy competition should always promote the best, most innovative solutions," he said. The conservative R St. Institute called Perry's plan "an arbitrary backdoor subsidy to coal and nuclear plants."

Ameren to Add Wind, Solar, Reduce Emissions – Ameren Missouri has announced plans to add enough solar and wind electricity to power 214,000 homes. The St. Louis-based subsidiary of Ameren Corp. said adding at least 700 megawatts of wind power would cost about \$1 billion and take until 2020. Ameren says improving technology and renewable energy initiatives with large customers could boost the wind investment higher. Adding 100 megawatts of solar power is expected to occur over 10 years, but no costs estimates are available. One solar facility at St. Louis Lambert International Airport is slated to be completed next year. Ameren is working to reduce its carbon emissions 80% by 2050 from 2005 levels.

Chamber Releases Energy Security Index – The 2017 edition of Global Energy Institute's *Index of U.S. Energy Security Risk* finds that U.S. energy security is continuing to rapidly improve to one of the best scores in decades, after hitting bottom just five years ago. The Index employs 37 different energy security metrics in four major areas of risk: geopolitical, economic, reliability, and environmental. A lower Index score indicates a lower level of risk. The eighth annual edition of the Index covers 1970-2040 and incorporates the latest historical data and forecast models. In 2016—the most recent year available—the risk score dropped another 1.3 points to 76.0, the lowest score since 1995. Since 2011, the total risk index score has dropped by 25 points, the largest rise or fall during any five year period since 1970. Of the 37 metrics, 18 showed decreases of more than 1 percent, while another 9 remained about the same. Among the areas of improvement were fuel imports, energy expenditures, energy use intensity, and environmental categories. The biggest areas of improvement in the Index were related to oil and gas expenditures, which are a result of increased domestic shale production. The single largest category that saw improvement was security of US natural gas imports. On the flip side, price volatility risks, related largely to the recent plunge in the price for crude oil, remained high. Metrics related to electric grid reliability risks during periods of peak demand also inched higher. This year's Index features special sections on electricity capacity margins and transmission lines, which contains additional data and analysis regarding demand and infrastructure. The Index and its companion, the International Energy Security Risk Index, are available on our website at: www.globalenergyinstitute.org/energysecurity. The U.S. index is once again available in an online, interactive web tool format, which makes it easy to see how various metrics change from year to year.

ON THE SCHEDULE THIS WEEK

Geothermal Conference Set for Utah – The Geothermal Energy Association (GEA) is holding GEOEXPO+ on today through Wednesday at the Salt Palace in Salt Lake City, UT. The meeting will be held in conjunction with the GRC Annual Meeting.

FERC Commissioner, Interior Official Headlines NA Gas Forum – The North American Gas Forum is being held today and tomorrow in Washington DC. FERC Cheryl LeFleur and Interior's Vincent DeVito will deliver a keynotes tomorrow and there will be a members panel featuring Reps. Scott Tipton, Joe Barton, Bill Johnson and Others. Other speakers include INGAA's Don Santa, former FERC Commissioner Tony Clark, RFF's Richard Newell, ClearView's Kevin Book, PJM's Craig Glazer, NGS's Dena Wiggins and DOE's Fossil Energy Office acting chief Robert Smith.

WCEE Hosts Federal Lands Discussion – Today at Noon, the Women's Council on Energy and the Environment (WCEE) holds a forum to discuss current opportunities and challenges for the development of energy and mineral resources under the new Administration. Among other hotly debated topics, the event will cover the role of climate change considerations in decision-making, potential changes in mitigation requirements, issues regarding royalty valuation and payment, and still unresolved issues regarding the scope of Presidential withdrawal authority onshore and offshore under decades-old statutes.

CCS Forum to Look at Norway Success Story – The Global CCS Institute will hold a forum tomorrow at 9:00 p.m. in National Press Club's Zenger Room on the Innovation and low-carbon policies that are driving the development of clean energy technologies around the world. The discussion will explore how Norway has fostered the development of its carbon capture infrastructure, as well as the emerging business case for carbon capture in the U.S. and globally. Featured speakers Gassnova CEO Trude Sundset, Rich Powell of ClearPath Foundation, Thina Saltvedt of Nordea Bank Norge and Statoil VP of New Energy Solutions Steinar Eikaas, who operates the world's most successful carbon capture project in the North Sea.

US ITC to Hold Solar Remedy Hearing – The US International Trade Commission will hold a hearing at 9:30 a.m. on the remedy portion of its solar trade case. Last week, petitioners filed testimony in the case with the solar industry further attacking the case.

House Science to Look at Grid – The House Science Committee will hold a full committee hearing tomorrow at 10:00 a.m. looking at grid resiliency. The purpose of the hearing is to define resiliency, examine electric resiliency from both physical and cyber threats, and to study the

effectiveness of private and government coordination on resiliency across the electricity delivery sectors. This hearing will specifically discuss the recommendations made by the National Academies of Sciences. Witnesses will include the University of Illinois' William Sanders, Pacific Northwest National Laboratory Electricity Market Manager Carl Imhoff, Gavin Dillingham of the Houston Advanced Research Center and Walt Baum of the Texas Public Power Association.

Senate Energy to Vote on Noms, Discuss Energy Storage – The Senate Energy Committee will hold a hearing tomorrow at 10:15 a.m. to vote on DOE nominees Bruce Walker for DOE's assistant secretary for the Office of Electricity Delivery and Energy Reliability and Steven Winberg as DOE's assistant secretary of fossil energy. The Committee will then turn to a Hearing on energy storage technologies. Witnesses include Pacific Northwest National Laboratory expert Vincent Sprenkle AES Energy Storage VP Praveen Kathpal, Simon Moores of Benchmark Mineral Intelligence and Voith's John Seifarth.

CAP to Discuss Hurricane Impacts – The Center for American Progress and former Federal Emergency Management Agency (FEMA) Administrator Craig Fugate will host a forum tomorrow at 10:00 a.m. on disaster lesson learned. Fugate will discuss his experience following Superstorm Sandy. His remarks will be followed by a panel of experts who will highlight different aspects of the recovery, including best practices for building resilient infrastructure, public health challenges in the wake of disasters, and the need for aid to flow to historically disadvantaged communities simultaneously dealing with flood damage, toxic waste, and air pollution in the aftermath of hurricanes Harvey, Irma, and Maria.

Forum to Look at Iran Deal – Tomorrow at 1:30 p.m., the Center for a New American Security will hold two panel discussions on the implications of the potential collapse of the Joint Comprehensive Plan of Action (JCPOA). The discussion will focus on what happens if President Trump begins unraveling the nuclear agreement in mid-October by not certifying Iranian compliance to Congress and will also examine other potential collapse scenarios. Our friend Elizabeth Rosenberg is among the panelists.

House Energy to Return to Reliability – The House Energy panel returns to the resiliency theme for part II of last week's hearing on the topic. This hearing will include comments from the industries that were supposed to be featured in the initial afternoon session. Witnesses include SEIA's Abigail Ross Hopper, ACCCE's Paul Bailey, API's Marty Durbin, AWEA's Tom Kiernan, NEI's Maria Korsnick, NRDC's FERC expert John Moore, Energy Storage Association CEO Kelly Speakes-Backman and Chelan County PUD General Manager Steve Wright on behalf of National Hydropower Association.

NatGas Winter Outlook Set – The Natural Gas Supply Association holds its winter outlook media briefing for 2017-2018 Wednesday at 9:30 a.m.

EPA, NRC Noms Hearing Reset – The rescheduled Senate Environment Committee confirmation hearing will be held Wednesday for several EPA posts and Jan Baran at the Nuclear Regulatory Commission. Testifying will be four EPA nominees: Bill Wehrum to run the air office, Matthew Leopold to be general counsel, Michael Dourson to run the Office of Chemical Safety and Pollution Prevention and David Ross to run the water office. The committee shelved a hearing planned for last week on the picks after the Senate adjourned earlier than expected for Rosh Hashanah.

Senate Commerce to Mark up AV Legislation – The Senate Commerce Committee will mark up a bill meant to boost self-driving cars on Wednesday at 10:00 a.m. The "American Vision for Safer Transportation Through Advancement of Revolutionary Technologies (AV START) Act," S. 1885, aims to reform existing laws to get self-driving cars on the road, clarify state and federal oversight of the technology, and direct the Transportation Department to set new safety standards. It is sponsored by Sen. Gary Peters and Chairman John Thune with co-sponsors Roy Blunt and Debbie Stabenow. Our friends at SAFE can provide you with excellent background and resources.

House Energy to Look at Air Quality, Wildfires – House Energy and Commerce Environment Subcommittee will hold a hearing on Wednesday at 10:00 a.m. to get the perspectives of key stakeholders on the air quality impacts of wildfires. Witnesses include John Bailey of Oregon State University, Florida Forest Service director Jim Karels, Murphy Company Resources VP Knox Marshall and Restoring America's Forests Director Christopher Topik.

Clean Energy Conservatives Meet – On Wednesday at 6:00 p.m. at the Hyatt Regency Washington on Capitol Hill, the Christian Coalition, Young Conservatives for Energy Reform, and Veterans for Energy Reform are hosting an evening reception at their annual Conservative Clean Energy Summit. Last year, the event brought in over 500 attendees from around the country and focused on the issue of energy reform. The event includes visits to Capitol Hill with conservative lawmakers.

Holmstead Featured at EPIC Forum on Energy – My colleague Jeff Holmstead is joining a panel hosted by the Energy Policy Institute at the University of Chicago (EPIC) on Wednesday at 6:30 p.m. that will address what Americans think about the direction of energy and climate policy. Holmstead and Sue Tierney (EPIC's inaugural policy fellows) will be moderated by our friend Jon Fahey, AP's Global Health & Science Editor. The event will focus on the results of an EPIC/AP-NORC poll coming out on Monday that tracks opinions on central topics shaping the energy and climate landscape. More. It will be livestreamed at epic.uchicago.edu/live.

SEJ Set for Pittsburgh – Speaking of Pittsburgh, SEJ's 27th [annual conference](#) is set for Wednesday through Saturday in Steel City. Bracewell hosts its annual reception on Thursday night.

Vets in Energy Forum Set – Veterans In Energy will [hold a forum](#) on Thursday and Friday at NRECA in Arlington. VIE provide transition, retention and professional development support to the growing population of military veterans who have chosen energy careers. Speakers will include Chris Hale of GI Jobs and Gen. John Allen, former Dep Commander of US Central Command.

CSIS to Look at Electrification – The CSIS Energy & National Security Program will host a discussion on Thursday at 9:30 a.m. looking at the future of electrification with Arshad Mansoor, Senior Vice President of Research and Development at the Electric Power Research Institute (EPRI). Mansoor will provide an overview of the recent EPRI report, *The Integrated Energy Network: Connecting Customers with Reliable, Affordable and Cleaner Energy*, which calls for a more interconnected and integrated energy system through greater electrification. Frank O'Sullivan, Director of Research and Analysis at the MIT Energy Initiative, and Ken Colburn, Principal and U.S. Program Director at the Regulatory Assistance Project, will follow with views on the opportunities and benefits, as well as obstacles and potential drawbacks of a path to a more electrified economy. This event is part of CSIS's ongoing work on [Electricity in Transition](#), which surveys the current landscape of the U.S. and global electricity sector.

CSIS to Look at Hurricane Impacts – The Center for Strategic & International Studies will also [hold a forum on Thursday at 10:00 a.m.](#) on rebuilding better after hurricanes. Puerto Rico recently suffered devastating damage as a result of Hurricanes Irma and Maria. Hurricane Irma, a category 5 hurricane, caused power outages for over 1 million people living in Puerto Rico. The forum will engage in discussions geared toward reform, reconstruction, and modernization of infrastructure and preparedness. It will feature Luis Fortuño, 10th Governor of Puerto Rico.

House E&C to Look at Consumer Views of Electric Markets – The House Energy & Commerce Committee will convene a hearing on Thursday at 10:00 a.m. on consumer-oriented perspectives on improving the American electricity markets. Witnesses include Joseph Bowring of Monitoring Analytics, Stefanie Brand of the New Jersey Division of Rate Counsel, Electricity Consumers Resource Council head John Hughes, Public Citizen's Tyson Slocum, Rebecca Tepper of the consumer liaison group for the ISO New England Region and Walmart's Mark Vanderhelm.

Forum to Look at LNG in Latin America – The Atlantic Council hosts a forum on Thursday at Noon looking at the Growing Role of LNG in Latin America. Natural gas is emerging as a critical source of energy in the Americas and around the world, and Latin America is rapidly becoming a key destination for US LNG exports. Latin America is currently the number one destination for US LNG exports, accounting for over 40%. Many governments in the region see natural gas as a low-carbon energy option that can support their increasing turn towards renewables. Additionally, lower global LNG prices, the impacts of drought conditions on the region's hydropower sector, and a departure from industries such as coal and diesel have driven the demand for LNG and calls into question whether this is an opportunity for Latin America to become more integrated. The forum will feature a conversation with Argentinian Ministry of Energy and Mining Transport Director Gonzalo Aguirre, Jose Luis Castro of Sociedad Portuaria El Cayao (SPEC), Giovanni Machado of Empresa de Pesquisa Energética and the State Department's acting Deputy Assistant Secretary of Energy Resources Sue Saarnio.

ELI, DC Bar to Look at Policy Reversals – The Environmental Law Institute and the DC Bar are hosting a forum on Thursday on how agencies often reverse policy. Since the presidential transition, EPA and other agencies have used a variety of tools to change policies and regulations. Three common tools they have used are stays, remands, and reconsideration. Agencies administratively stay the effective date of rules preventing them from going into effect, seek voluntary remand of rules in litigation to revisit rules administratively while avoiding a judicial decision, and administratively reconsider rules. Some of these actions have been the subject of the heated litigation, and the courts have acted to constrain agency discretion, including in an important D.C. Circuit decision rejecting EPA's stay of the oil and gas methane rule. Expert panelists will discuss the use of these legal tools in changing agency policy, and offer cutting-edge perspectives from the government, the private sector, and the environmental advocacy community.

IN THE FUTURE

WRI to Host Forum – Experts from the Open Government Partnership and World Resources Institute will hold a forum next Tuesday at 12:30 p.m. on climate action. The forum will profile a range of innovative approaches that open government advocates have taken to strengthen countries' climate commitments under the Paris Agreement. Together, they will unpack how improving transparency, accountability and public participation in climate decision-making processes can help governments and civil society leaders around the world achieve ambitious climate targets.

Forum to Look at US-China Relations – The Atlantic Council's Global Energy Center and the Brent Scowcroft Center's Asia Security Initiative will hold a timely conversation next Tuesday on the role energy plays in the US-China relationship. The US administration's emerging diplomatic strategy and the upcoming nineteenth national congress of the Communist Party of China provide an opportunity to take stock of the role energy plays in the US-China relationship, as well as in how China views its future. Key issues in the US-China relationship include the role of liquefied natural gas (LNG) in the US-China Comprehensive Economic Dialogue, China's view of US energy exports, and how energy fits into the administration's trade agenda. Speakers include our friend Robert Fee of Cheniere Energy, ITC Assistant Secretary Alan Turley and DOE China advisor Maria DiGuilian with our friend Keith Johnson of *FP* moderating.

Report top Look at Highly-Enriched Uranium Facilities – On Wednesday October 11th, the Fissile Materials Working Group and International Panel on Fissile Materials will launch of a major new IPFM research report, edited by Pavel Podvig, with contributions by six leading Russian experts on highly enriched uranium (HEU) facilities. The report describes in unprecedented detail Russian programs that use HEU as fuel in military and civilian applications. Further, it assesses Russia's contribution to the effort to convert research reactors from HEU to non-weapon-usable low-enriched uranium fuel, and Russia's efforts to repatriate HEU fuel it had supplied to facilities abroad. Finally, it evaluates the organizational structure and regulations governing the security of HEU in civilian facilities in Russia. It makes recommendations for securing Russia's commitment to the goal of a comprehensive global HEU minimization strategy.

ACORE Finance Forum Set – The American Council on Renewable Energy will hold forum on the state of the renewable energy public policy, financial markets and corporate renewables strategy when they hold ACORE Finance West on October 12th at the Bently Reserve in San Francisco. This annual conference convenes senior investors, industry executives, and other top transactional professionals to address market trends in the context of renewable investment opportunities in the Western U.S.

Bloomberg Hosts Sustainability Forum – Bloomberg holds its 3rd annual Sustainable Business Summit on October 12-13th in its New York offices to discuss how companies are yielding

positive returns for investors, creating sustainably valuable products and processes, and developing innovative sustainable business models. Uniquely positioned at the intersection of sustainable business and sustainable investing, the summit will explore the challenges and even greater opportunities emerging across industries.

WAPA to Host Road Rally – The Washington Automotive Press Association holds its 2017 WAPA Rally on October 12th. This year's event will be a drive event on the roads just beyond the Chesapeake Bay Bridge on the scenic Eastern Shore of Maryland. The event provides the opportunity to drive or ride in the latest and greatest cars, trucks and SUVs provided by WAPA's automotive partners.

CSIS to Host IEA Renewable Energy Report Launch – The CSIS Energy and National Security Program is hosting Heymi Bahar, Project Manager of the Renewable Energy Division at the International Energy Agency (IEA), on Thursday October 12th for a presentation of the IEA's Renewable Energy Market Report 2017 (formerly titled Medium-Term Renewables Market Report). The report provides a detailed market analysis and overview of renewable electricity capacity and generation, biofuels production, and heat consumption, as well as a forecast for the period between 2017 and 2022. This year's report also assesses the off-grid solar market in Africa and developing Asia and the contribution of electric vehicles to renewable road transport. Our friend Kevin Book will moderate.

BPC to Host Moniz on Nuclear – The Bipartisan Policy Center will host former Energy Secretary Ernest Moniz a conversation on October 18th at 9:00 a.m. with BPC President Jason Grumet to discuss the vital role U.S. nuclear energy plays in achieving national security objectives. The conversation will highlight the key takeaways from *The U.S. Nuclear Energy Enterprise: A Key National Security Enabler*, a report issued by Sec. Moniz's new Energy Futures Initiative.

Renewable Tour Set for October Shenandoah Fall – JMU's Center for Wind Energy joins the nonprofit American Solar Energy Society (ASES) and hundreds of solar-savvy installers and grassroots organizations throughout America to showcase thousands of solar-powered homes, schools and businesses in Virginia and across North America -- for the 22nd Annual National Solar Tour, the world's largest grassroots solar event. The ASES National Solar Tour shows families and businesses real-life examples of how their neighbors are harnessing free energy from the sun to generate electricity, warm and cool their homes, heat water and slash monthly utility bills.

Green Bonds Conference Set for NYC – Environmental Finance will host Green Bonds 2017 at 10 on the Park in New York City on October 23rd. According to the [Green Bonds Database](#), the American green bonds market has continued its rapid growth with over 17\$ billion issued in the last twelve months.

At the conference this year we will look at the drivers behind this boom and how to ensure sustainable growth as the market matures.

FRANK MAISANO

Partner

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Policy Resolution Group

To: Jackson, Ryan[jackson.ryan@epa.gov]; Lyons, Troy[lyons.troy@epa.gov]
From: Wehrum, William L.
Sent: Fri 11/3/2017 3:34:16 AM
Subject: Fwd: 15-1487 Sierra Club, et al v. EPA, et al "Arguing Attorney Form" (EPA-80FR65470)

Rest assured ...

Begin forwarded message:

From: <ecfnoticing@cadc.uscourts.gov<mailto:ecfnoticing@cadc.uscourts.gov>>
Date: November 2, 2017 at 6:38:02 PM EDT
To: <wwehrums@huntington.com<mailto:wwehrums@huntington.com>>
Subject: 15-1487 Sierra Club, et al v. EPA, et al "Arguing Attorney Form" (EPA-80FR65470)

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United States Court of Appeals for District of Columbia Circuit

Notice of Docket Activity

The following transaction was entered on 11/02/2017 at 6:38:02 PM EDT and filed on 11/02/2017

Case Name: Sierra Club, et al v. EPA, et al

Case Number: 15-1487<https://urldefense.proofpoint.com/v2/url?u=https-3A__ecf.cadc.uscourts.gov_cmecf_servlet_TransportRoom-3FServlet-3DDocketReportFilter.jsp-26caseId-3D32228&d=DwMCAQ&c=jxhwBfk-KSV6FFlot0PGng&r=yE0vRcg1_6xRchQQPG-5bl6t8x7mw3CtiGtCUlzxLOU&m=WYPsdrQAZmsAeJNTNoAaxyy9Hv6l4MekHR9Zec1C02E&s=_w0qg1aeVylMfhUdX0CR6HPXmiMaM52hub6pc3iQjt8&e=>>
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Docket Text:

FORM 72 submitted by arguing attorney, Felicia Barnes, on behalf of Intervenor for Respondent Brick Industry Association in 15-1487, Petitioner Brick Industry Association in 15-1492 (For Internal Use Only: Form is restricted to protect counsel's personal contact information). [15-1487, 15-1492, 15-1493, 15-1496, 16-1179] (Barnes, Felicia)

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Document to be served by alternative means on:

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The following document(s) are associated with this transaction:

Document Description: Arguing Attorney Form with Addendum

Original Filename: 2017-11-02 - Form 72 - F. Barnes - Petitioner and Intervenor - with Addendum.pdf

Electronic Document Stamp:

[STAMP acecfStamp_ID=1109186823 [Date=11/02/2017] [FileNumber=1702858-0]

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